

Feature	BFGS	CG	TR	NM based on mean	NM based on target
Machine1RawMaterialProperty1	12.04	12.04	12.04	12.75	11.05
Machine1RawMaterialProperty2	216.77	216.77	216.77	226.44	225.15
Machine1RawMaterialProperty3	1044.59	1044.59	1044.59	1411.36	1257.08
Machine1RawMaterialProperty4	250.86	250.86	250.86	253.21	252.12
Machine1RawMaterialFeederParameter	1257.66	1257.66	1257.66	1256.54	1235.34
Machine1Zone1Temperature	72.02	72.02	72.02	72.03	72.04
Machine1Zone2Temperature	72.04	72.04	72.04	72.0	72.02
Machine1MotorAmperage	75.12	75.12	75.12	117.89	78.83
Machine1MotorRPM	11.46	11.46	11.46	10.38	6.19
Machine1MaterialPressure	423.54	423.54	423.54	384.32	387.71
Machine1MaterialTemperature	81.5	81.5	81.5	81.55	81.52
Machine1ExitZoneTemperature	77.99	77.99	77.99	82.68	90.4
Machine2RawMaterialProperty1	12.88	12.88	12.88	13.34	12.97
Machine2RawMaterialProperty2	240.35	240.35	240.35	241.05	240.12
Machine2RawMaterialProperty3	569.72	569.72	569.72	582.77	564.64
Machine2RawMaterialProperty4	256.29	256.29	256.29	256.06	256.49
Machine2RawMaterialFeederParameter	207.24	207.24	207.24	192.23	224.21
Machine2Zone1Temperature	69.03	69.03	69.03	68.51	68.7
Machine2Zone2Temperature	69.15	69.15	69.15	69.18	69.31
Machine2MotorAmperage	73.51	73.51	73.51	71.56	72.73
Machine2MotorRPM	13.91	13.91	13.91	14.07	14.02
Machine2MaterialPressure	226.54	226.54	226.54	226.59	228.8
Machine2MaterialTemperature	77.06	77.06	77.06	76.43	76.66
Machine2ExitZoneTemperature	60.06	60.06	60.06	59.96	60.08
Machine3RawMaterialProperty1	9.27	9.27	9.27	8.93	9.25
Machine3RawMaterialProperty2	218.53	218.53	218.53	61.46	197.89
Machine3RawMaterialProperty3	426.95	426.95	426.95	437.3	435.1
Machine3RawMaterialProperty4	204.17	204.17	204.17	224.5	234.45
Machine3RawMaterialFeederParameter	211.69	211.69	211.69	275.57	226.59
Machine3Zone1Temperature	78.01	78.01	78.01	78.01	78.02
Machine3Zone2Temperature	78.08	78.08	78.08	78.84	78.46
Machine3MotorAmperage	346.65	346.65	346.65	352.17	337.39
Machine3MotorRPM	13.3	13.3	13.3	13.37	13.37
Machine3MaterialPressure	252.56	252.56	252.56	259.34	230.22
Machine3MaterialTemperature	76.13	76.13	76.13	77.07	91.6
Machine3ExitZoneTemperature	65.06	65.06	65.06	65.54	65.61
FirstStageombinerOperationTemperature1	110.67	110.67	110.67	114.46	114.01
FirstStageombinerOperationTemperature2	86.75	86.75	86.75	95.72	91.66
FirstStageombinerOperationTemperature3	80.08	80.08	80.08	76.77	76.76